

WHAT IS CLAIMED IS:

1. A connector for electrically connecting a mating object, the connector comprising:

5 a conductive contact;
a housing fixedly holding the contact;
a cover connected to the housing for pressing the mating object against the contact to establish electrical connection between the mating object and the contact; and

10 a locking portion connected to the housing and the cover for keeping the cover in a connected state in which the electrical connection is established, the cover being held on the housing to be rotatable in a first direction and to be movable in a second direction intersecting the first direction, the locking portion being engaged in a direction opposite to the first direction and in the second
15 direction, disconnection of the mating object being carried out by rotating the cover in the first direction to disengage the locking portion and by moving the cover in the second direction, thereby allowing the mating object to be disconnected.

2. The connector according to claim 1, further comprising an elastic
20 member coupled between the housing and the cover for continuously urging the cover in the direction opposite to the first direction.

3. The connector according to claim 1, wherein the locking portion comprises:

a housing locking portion coupled to the housing; and
25 a cover locking portion connected to the cover, the housing locking portion and the cover locking portion being adapted to be mechanically engaged with each other in the direction opposite to the first direction and in the second direction.

4. The connector according to claim 3, wherein the housing locking portion has a recess portion opened in the first direction, the cover locking portion being fitted to the recess portion when engaged with the housing locking portion.

5 5. The connector according to claim 4, wherein said housing locking portion has plural engaging portions for being engaged with the cover locking portion in directions different from one another, the engaging portions defining the recess portion.

6. The connector according to claim 3, further comprising a lock plate
10 fixed to the housing, the lock plate being made of a metal material and having the housing locking portion and a ground-connecting portion which is for connecting the ground, the cover and the cover locking portion being made of a metal material.

7. The connector according to claim 1, further comprising a frictional
15 locking arrangement for flexibly locking the cover to the housing in the second direction by friction.

8. The connector according to claim 1, wherein the cover has a first and a second end portion which are opposite to each other, the cover comprising a shaft portion formed integral with the first end portion of the cover
20 and rotatably engaged with the housing.

9. The connector according to claim 8, wherein the shaft portion is movable along the housing in the second direction.

10. the connector according to claim 9, wherein the housing has a housing protrusion facing the cover shaft portions in a third direction
25 perpendicular to the first and the second directions, the housing protrusion and the shaft portion being slide to each other to produce resistance force relative to movement of the shaft portion in the second direction.

11. The connector according to claim 8, wherein the locking portion being adapted to engage the second end portion of the cover with the housing in the direction opposite to the first direction and in the second direction.